

Paolo (Paul) R. Benedetti

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Highlights of Qualifications

- Internationally recognized as one of the world's top five aquatic designers.
- Proven success in implementing unique concepts in swimming pool design & construction.
- Strong practical and theoretical foundation in swimming pool design, fluid dynamics, Construction practices & project management.
- Extensive experience, excellent communication & management skills.

Professional Experience

Aquatic Technology Pool & Spa, Morgan Hill, CA
Founder, Principal & Designer

1993-Present

Achievements

- Founder of internationally recognized design & build firm that specializes in complex hillside and architectural swimming pool construction.
- Performs community service projects for the disabled.
- Support swim programs for the developmentally disabled.
- Author of numerous articles for trade/industry magazines, often quoted/resourced.
- Developed swimming pool electrical & safety devices, (patents pending).
- Past President of the Santa Clara Valley Chapter - IPSSA.
- Pioneer of new swimming pool slot perimeter overflow and vanishing edge designs.
- Designed the world's first vanishing edge & slot overflow pool, flawlessly merging both technologies.
- Calif. State Contractors License Board "Subject Matter Expert" – sits on board that writes/edits contractors licensing exam.
- Instructor at international Pool Design & Construction Schools, Trade Shows & Seminars

Education

- Bachelor of Science - Business Management - San Jose State University 1978 – 1984
- Post Graduate Studies – Business, Criminology - San Jose State University 1984 – 1990
- National Swimming Pool Foundation - Certified Pool Operators Course:
certified to operate, manage, service & repair institutional, commercial, &
waterpark facilities. April 1995
- Graduate - Genesis 3 International Watershapes Design School, Level I 1999
40 hrs: Soils Engineering, Structural Engineering, Hydraulics, Vanishing
Edge Pools, Architectural Drawings

- Graduate - Genesis 3 International Watershapes Design School, Level II 2000
 40 hrs: Landscape Design (James Van Sweden & Zen of Boston), Feng Shui,
 Architecture & Water (Lautner & Associates: Helena Arahuete), Concrete
 & Staining Techniques, Reading Blueprints & Architectural Nonmenclature
- Hadco: 40 hrs: Landscape & Architectural Lighting School, Austin, TX. May 2001
- Aquatic Design Institute, Phoenix, AZ; 40 hrs: Illustration & design school. Dec 2001
- Fountain Design, Crystal Fountains, Toronto, Canada
 40 hrs: Complex interactive fountain design, hydraulics & installation Dec 2001
- Design, Engineering & Construction of Faux Rock Formations Aug 2003 &
 Rock & Water Creations, 21/2 day course - 20 hours each (40hrs) March 2004
- Received Designer Certification – Society of Watershape Designers, Cert. #KM-009 2005
 Course of studies:
 - Color Theory & Design Application 20 Hours
 - Elements of design 20 Hours
 - Measured Perspective Drawing 20 Hours
 - History of Architecture, Art, & Water 20 Hours
 - Creating Digital Presentations 20 Hours
- Professional Presentations & Drawing – Arizona State University, Phoenix, AZ 7/2006
 5 day (40 hours) course, ad marker presentations, perspective drawing &
 architectural rendering
- Genesis 3 Watershape Construction School (Instructor & Proctor) 192 Hours
 24 Hours each:
 Baltimore - 2006, Orlando - 2006, Phoenix - 2006, Boston – 2007,
 Moro Bay – 2007, Dallas - 2008, Atlanta – 2008, La Jolla – 2009
- National Swimming Pool Foundation (NSPF) - January, 2010
 Certified Pool Operator Certification Course 16 Hours
 C.P.O. Re-certification from 1995
- National Swimming Pool Foundation (NSPF) - February, 2010
 Certified Pool Operator Instructor's Certification Course 40 Hours
 C.P.O. Instructors Certification
- Over 1000+ hours of advanced specialized training:
 Engineering, geology, pool construction, hydraulic/system design, Feng-Shui, pool
 decks, electrical, gas plumbing, mechanical engineering, water chemistry management,
 computerized/automated control systems, tile/coping/plaster repair & installation, gunite,
 fiber optic lighting, ozone generators, solar heating, plaster problems & staining, pool
 inspections, code(s) compliance & design review, pool design concepts, materials
 selection & sourcing, architectural history, fluid dynamics, glass tile pools, historical water
 features, commercial pool design, landscape lighting techniques, plumbing hydraulics,
 fountain design & installation, home automation/system integration, architecture & pools
 of: John Lautner, Frank Lloyd Wright, Luis Barragan, Mario Botta, Ricardo Legorreta.

Professional Associations

- Genesis 3 - A Design Group - Platinum Member & Course Instructor (877)513-5800
- American Society of Mechanical Engineers (800) 843-2763
- Society of Watershape Designers – Certified Designer & Instructor (615) 907-6011
- American Concrete Institute (248) 848-3700
- Association of Professional Landscape Designers – (717) 238-9780
- American Shotcrete Association (248) 848-3700
- California Spa & Pool Education Council (800) 991-SPEC

Professional Certifications

- Licensed Contractor, #721117, B (General Contractor) & C-53 (Pool Construction)
- Certified Designer – Society of Watershapes Designers #009
- Platinum Member – Genesis 3 Design Group
- Calif. State Contractors Licensing Board – designated “Subject Matter Expert” - 2001
- National Swimming Pool Foundation, Certified Pool Operator (C.P.O. id#95-63674 / recertified January, 2010).
- IPSSA Water Chemistry Certified: 1995.
- Teledyne-Laars Factory Heater Installation/Repair Training Program: 1994, 1997.
- Hayward Pool Products - Elite Builder since 1994.
- Polaris Pool Systems - Factory Warranty Service Center.
- Polyethylene (Upnor) & Flexible metallic (Gastite)gasline: Installer Certifier - 1999.
- Hadco Architectural & Landscape Lighting Academy - Factory Certified, May 2001.
- National Swimming Pool Foundation C.P.O. Instructor’s Certification, February, 2010.

Awards* and Achievements

- VIA Rehabilitation Services - 1996 Benefactor of the Year (probono \$160,000 remodel of their 2 Children’s summer camp handicapped accessible pools).
- San Jose, CA Kiwanis, January 1997 Citizen of the Month.
- San Jose, CA Junior League 1997 Volunteer of the Year.
- 1997 Western Pool & Spa Show - Pool Design Contest, Gold Medal Winner.
- Selected as an industry "Rising Star," by Pool & Spa Age Magazine (12/96).
- KBAY Radio, Corporate Citizen of the Month (in big competitive Silicon Valley).
- May 1997 - Recipient of Massachusetts Metropolitan Life Insurance Co.- Alexis Award, for community service/volunteer works.
- Locksin Thompson Good Samaritan Award, Pool & Spa News Magazine,7/23/97.
- 2001 Western Pool & Spa Show - Medal Winner: Best New Pool Design.
- 2001 Western Pool & Spa Show - Medal Winner: Complex Engineering.
- State of California “Subject Matter Expert”, prepared new pool contractor’s exam 7/2001.

Published Articles/Course Instructor

- Author of bi-monthly design column entitled “Solutions”, Water Shapes Magazine, 2009-Current:
- June 30, 2010, Solutions, “Facelift for Facerings” - Powder coating light facerings
- June, 2010: Solutions, “Low Bidders – A Cancer on Commerce” – Invalid construction budgets
- May 4, 2010 Solutions, “All About Soils” – Structural Engineering is only valid with soils report
- April, 2010: Solutions, “Radiant Heat (for pools)” – First used by the ancient Romans
- February, 2010: Solutions, “Wiring Simplified” – Complex electrical wiring techniques
- August, 2009: Solutions, “Keeping it Clean” – Surge tank strainer & circulation
- June, 2009: Solutions, “Under Control” – Concealed spaside remotes
- April, 2009: Solutions, “Quicker Compaction” – Cement slurry backfill technique
- February, 2009: Solutions, “Expansive Tendencies” – Irregular shaped coping stones

Published Articles/Course Instructor (continued):

- November, 2009: Solutions, "Covering Levels" – Pool cover wall & skimmer elevations
- Forum Moderator & Administrator, Genesis 3 On-Line Watershape Construction Forum 2008-
- Course Instructor @ Internationally Renown Genesis 3 – Watershape Construction Schools
Baltimore - 2006, Orlando - 2006, Phoenix - 2007, Boston – 2007, Dallas - 2008, Atlanta –
2008, La Jolla - 2009
- Dream Home Source 2008
- The Wave Magazine 2007 Innovative New Swimming Pool and Spa Designs
- The Wave Magazine 2007 Can a pool raise property value?
- The Wave Magazine 2007 Hot Waters:
- CNN / Living August 2007 Make last splash best of the season
- The Street June 2007 Make 'Em Drip With Envy With a Custom Pool
- Residential Design & Build June 2007 Creating Dramatic Indoor Pools
- Luxury Real Estate.com Magazine Summer 2005 High-end Pool Trends
- Water Shapes Magazine August 2005 Transit Cubed
- Homes by Design July 2005 A Splash of Fun
- Luxury Pools Spring 2005 Why Some Pools Cost More Than Others
- Luxury Pools Spring 2005 Aquatic Art Forms
- Dream Home Source December 2004 Pool Party
- Options Summer 2004 Summer 2004-Outdoor Options
- USA TODAY May 2004 LifeStyle
- Luxury Pools March 2004 The Registry of Americas' Great Pool Builders
- Pool & Spa News February 27, 2004 Good Vibrations
- Pool & Spa News January 30, 2004 Design Corner
- Home Design Style 2003 2003 Design Awards
- Pool Lifestyle Magazine Winter 2003 Design Awards Issue Pool Design of the Year
- Pool & Spa News August 2003 Coverups
- Pool & Spa News August 2003 Coverups - Lowering the Skimmer
- Pool & Spa News August 2003 Coverups - Masonry Lid Variations
- Home by Design Magazine June/July 2003 Grapes and Grandeur in the Silicon Valley
- Water Shapes February 2003 Kitchens Of Distinction
- Aqua Magazine November 2002 The Business Magazine for Spa & Pool Professionals
- Luxury Pools November 2002 The Registry of Americas' Great Pool Builders
- Pool & Spa News September 2002 Going Underground
- Pool & Spa News September 2002 Upscale Takes on New Meaning
- Course Instructor @ NSPI Region 3, Dallas, TX, Feb., 2001, "Perimeter Overflow Pools."
- Crystal Fountains, "Another award winning pool," Spring 2001.
- "Award winning designer builds Easter Seals wheelchair accessible spa (pro bono)",
IPSSAN, July 2001.
- Course Instructor @ International Pool & Spa Show, Phoenix, AZ, December 2001, "Design
& Construction of perimeter Overflow Pools."
- Pool & Spa News 2002 Bridging The Gap
- Pool & Spa News May 2001 Subtle Grandeur
- Pool & Spa News 2001 Vanishing Edges: A Review
- Water Shapes November 2001 Strands Of Light
- Swimming Pool/Spa Age November 2001 Creating Water As Art
- "On Site," Swimming Pool /Spa Age, October 2000.
- "The Media Watch," Pool & Spa News, 10/1/97.
- "Good Samaritan," Pool & Spa News Magazine, 7/23/97.
- "Rising Stars," Pool & Spa Age, December 1996

Current/Past Project Highlights

- 2000 – WORLD FIRST: Vanishing Edge/Slot Overflow Pool wherein both technologies meet.
- 2001 – WORLD FIRST: Slot overflow pool with capability to pressure test slot collector/gutter.
- 2003 – Forensic Investigation: failed \$2M+ swimming pool at a \$100,000,000 estate.
- 2004 – Completed Carlos Legorreta inspired elevated perimeter overflow pool/spa.
- 2005 – WORLD FIRST: Slot overflow, Vanishing Edge AND Perimeter Overflow Pool.
- 2007 – \$1.25M Handlaid glass tile mosaic pool with limestone walls.
- 2008 – WORLD FIRST: Knife edge perimeter overflow without need for custom SS supports or hardware. Perimeter overflow spa also had concealed in floor cover.
- 2008 – 1800 sq.ft. freeform perimeter overflow pool w/glass tile mosaics & natural stone waterfalls
- 2009 – WORLD FIRST: Largest “knife edge” perimeter overflow pool. Adding to the complexity is the free-form lagoon shape.

Website: www.AquaticTechnology.com

Construction Issues Blog: www.Watershapes.blogspot.com

*** Awards Competitions:**

(A personal note)

As a matter of policy, I have chosen not to compete in “design competitions.” I have a fundamental disregard for such contests, given that a majority of the awards competitions are merely presented to the prettiest picture. Most design competitions are judged with a total disregard for the substance or construction practices employed. The few contests wherein we have received awards, the project was entered by other parties related to the project. I have chosen to allow my reputation, work product, editorial coverage, international media recognition, client recommendations and referrals speak for themselves.